

FIG. 1

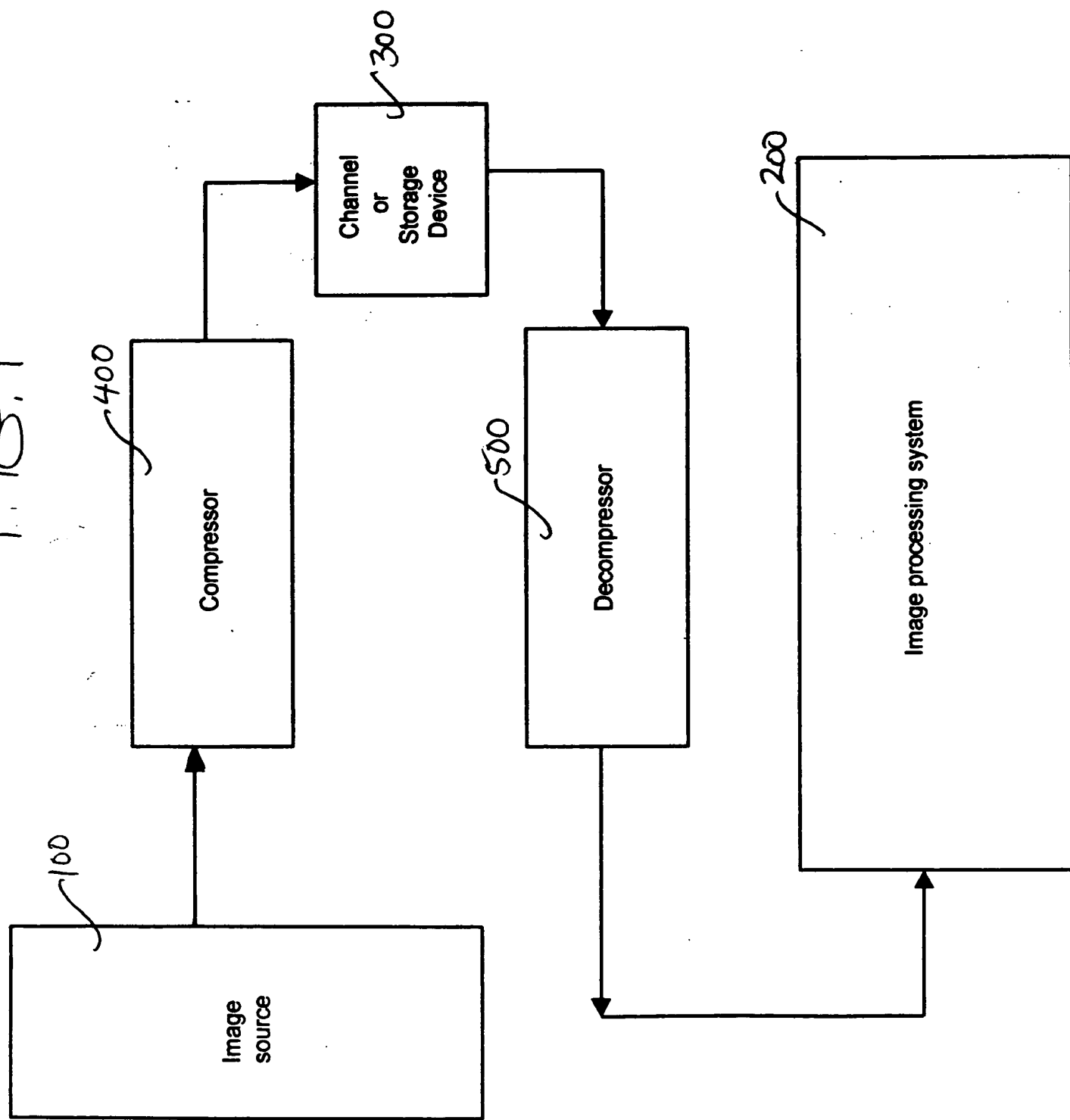


FIG. 2

200

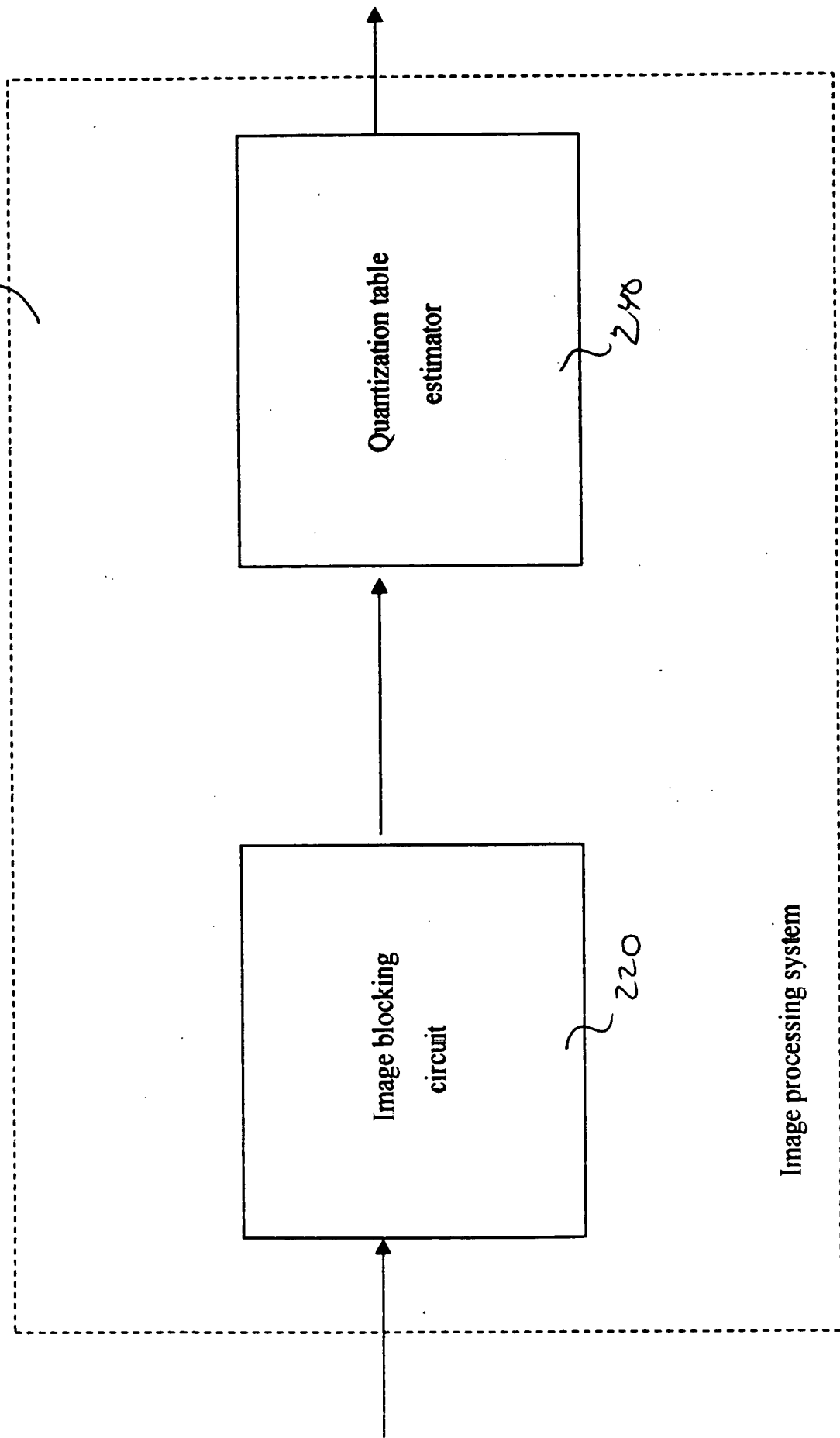
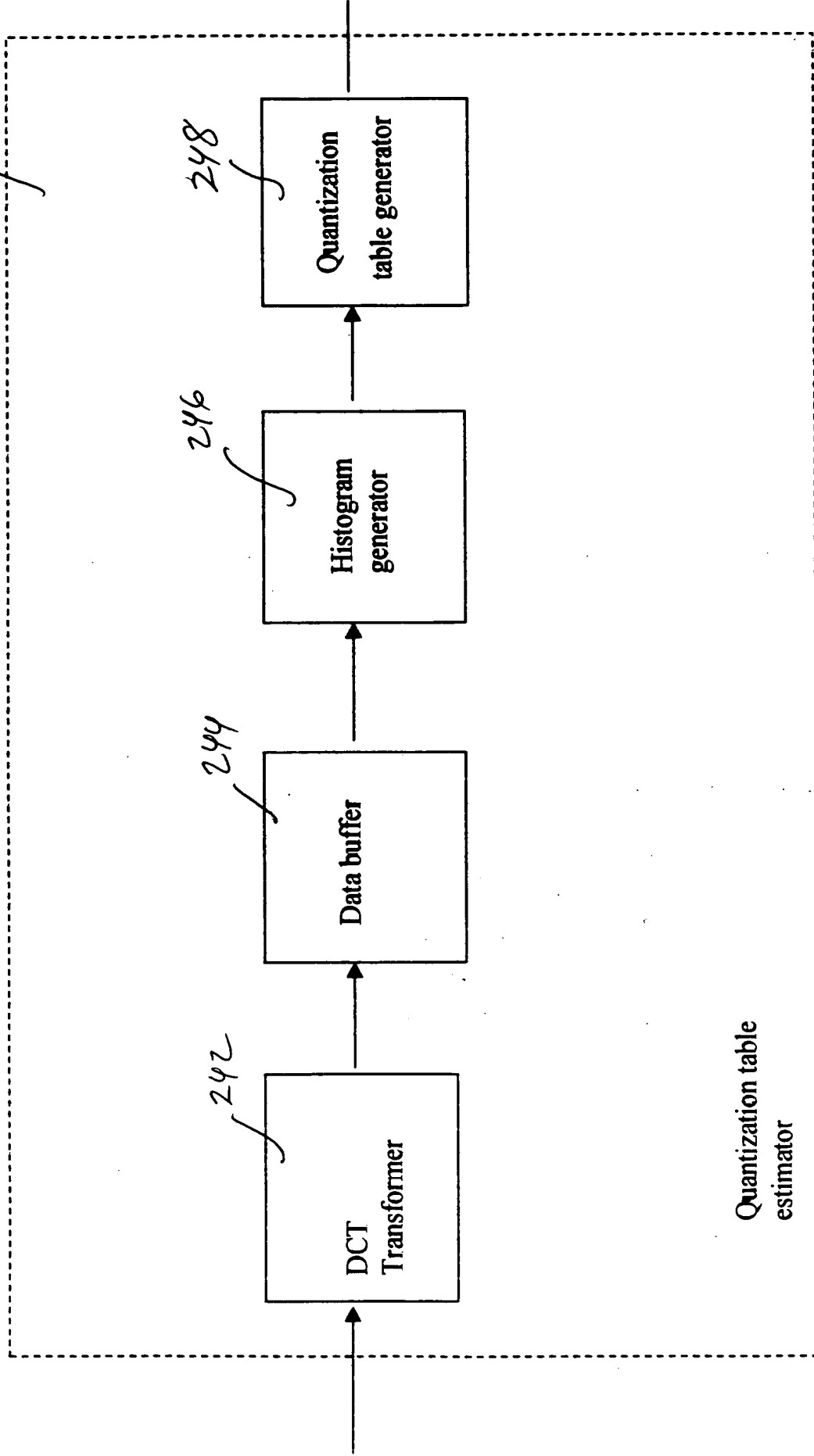


FIG. 3

240



094454-4339

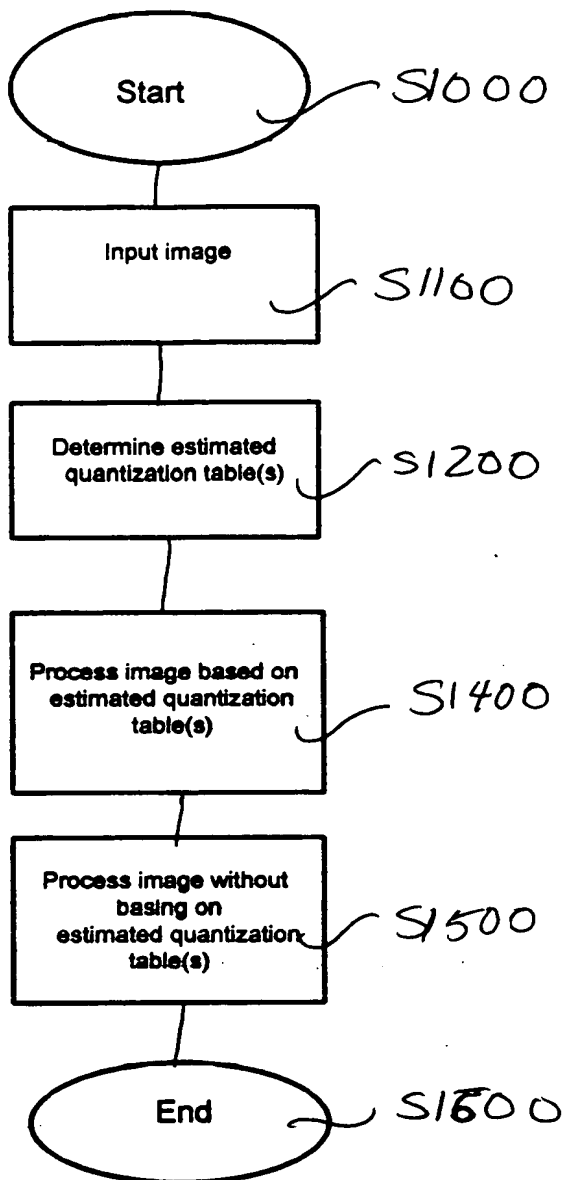


FIG. 4

Determine quantization table

SR

Input next block

✓ S1210

Find minimum and maximum

✓ S1220

minimum=0, maximum=255, or minimum=maximum?

✓ S1230

Yes

No

Perform DCT

✓ S1240

Round DCT value

✓ S1250

Last block?

✓ S1260

No

Yes

(m,n)=(0,0)

✓ S1270

Build histogram for  $|Y'(m,n)|$

✓ S1280

Find highest count in histogram

✓ S1290

Yes

Is highest count = 0?

✓ S1295

No

Find estimation of  $q(m,n)$

✓ S1300

Last entry in Q table?

S1380

S1385

next entry

Return to S1400

S1390

FIG. 5

66E2T"45S4460

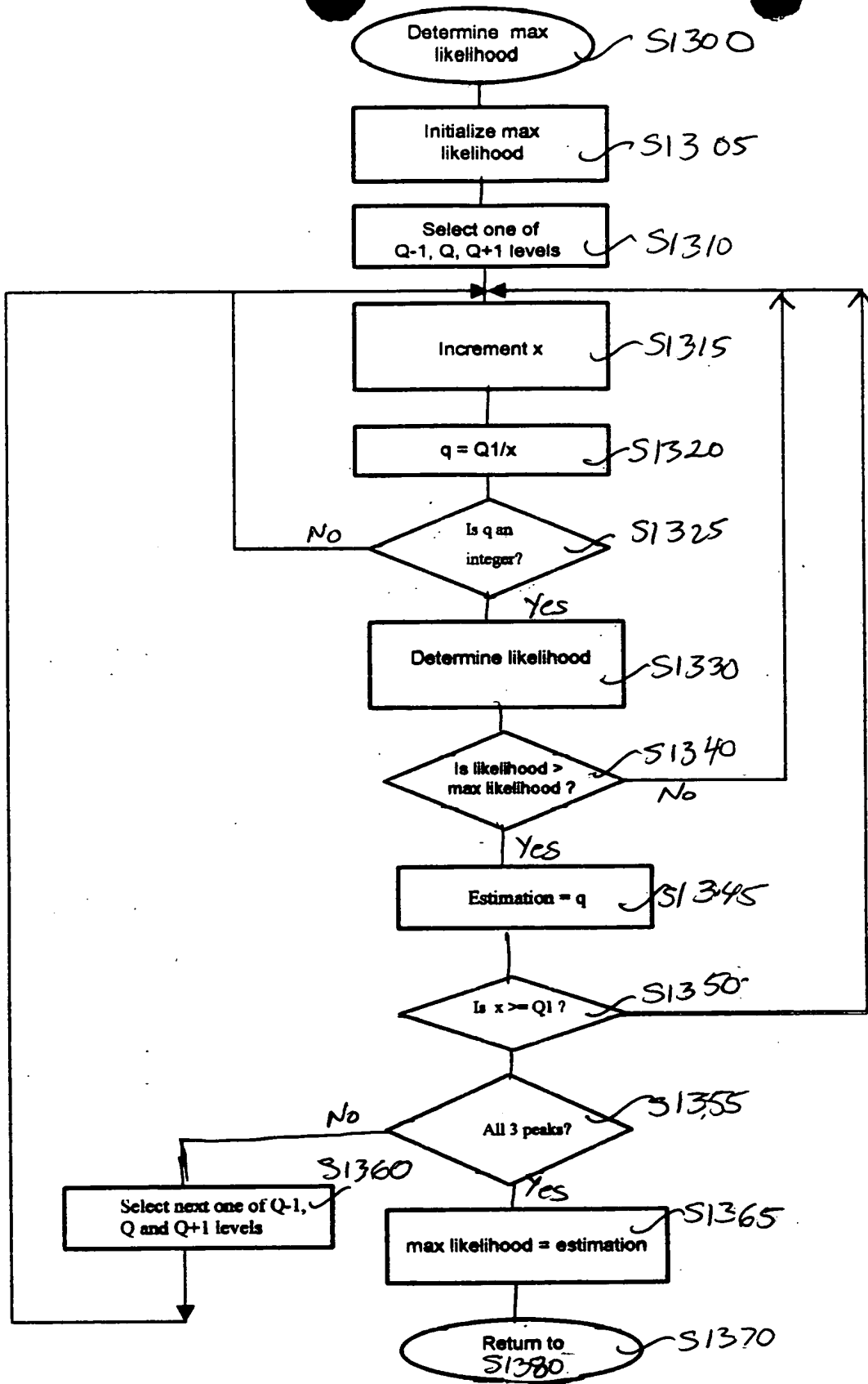


FIG. 6

09447554-112399

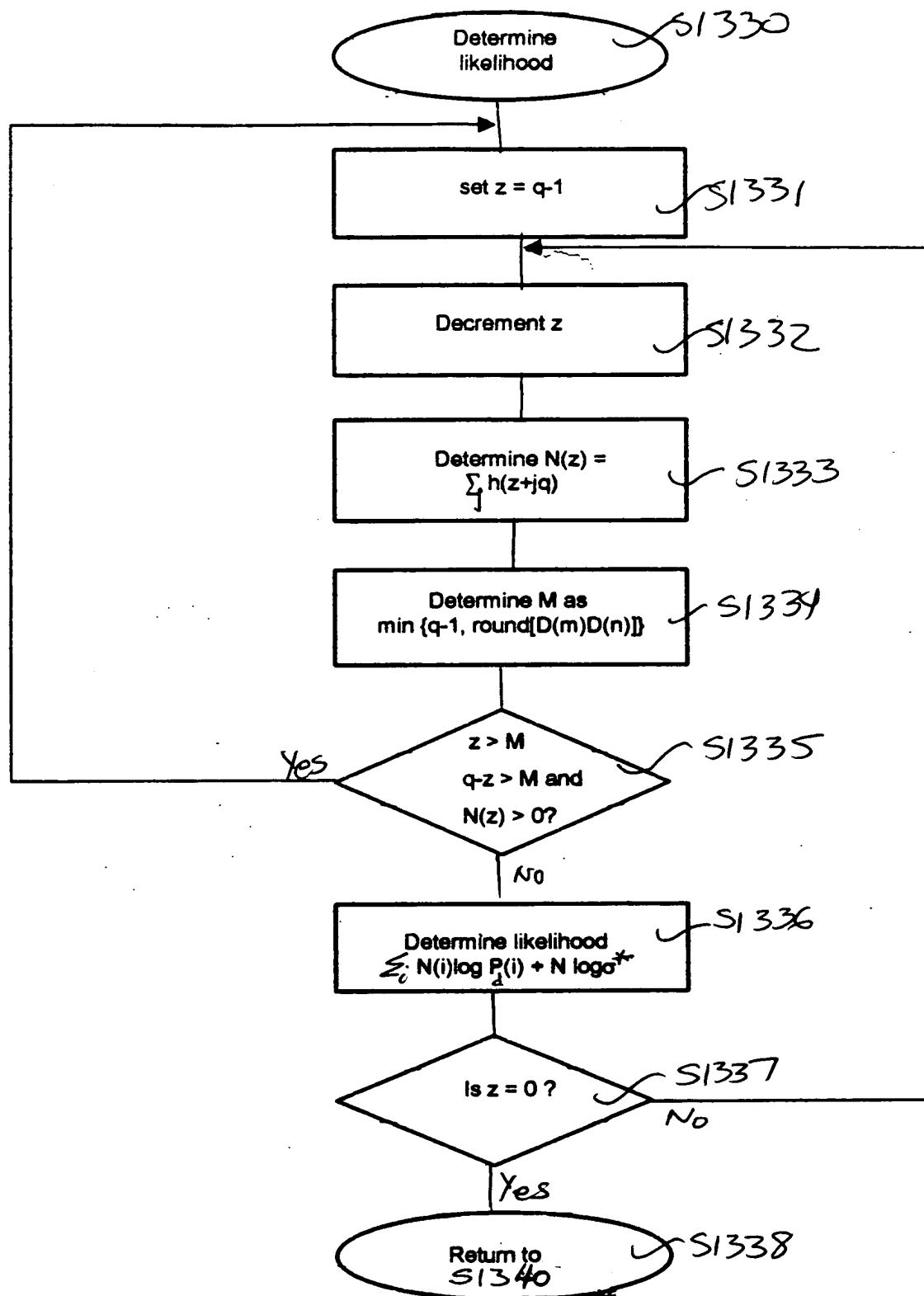


FIG. 7